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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/727,524	03/29/2001	Hua Chen	SOM920000010/1963-7399	5544

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WILLIAM E LEWIS  
RYAN MASON & LEWIS LLP  
90 FOREST AVENUE  
LOCUST VALLEY, NY 11560

EXAMINER

SHRADER, LAWRENCE J

ART UNIT	PAPER NUMBER
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2124

DATE MAILED: 04/21/2004

10

Please find below and/or attached an Office communication concerning this application or proceeding.

4

**Office Action Summary**

Application No.

09/727,524

Applicant(s)

CHEN ET AL.

Examiner

Lawrence Shrader

Art Unit

2124

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This Office Action is in response to the amendment filed on January 29, 2004.
2. Claims 1 – 27 remain rejected; claim 28 has been added at the request of the Applicant and is also rejected.
3. Applicant's arguments with respect to claims 1 – 28 have been considered but are moot in view of the new ground(s) of rejection.

#### *Claim Rejections - 35 USC § 102*

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1 – 3, 7, 8; 11, 13; 18 – 20, 24, and 25 are rejected under 35 U.S.C. 102(e) as being anticipated by Yamanaka, U.S. Patent Application Publication US 2002/0083433.

Yamanaka discloses a method to process rich media content:

**In regard to claim 1:**

*“creating a rich media content file from rich media content as a first input to an authoring tool;”*

Yamanaka discloses rich media file input to an authoring tool (paragraph [0005]).

*“creating a text based rich media content description file descriptive of the multimedia content file as a second input to the authoring tool;”*

Yamanaka discloses an authoring tool with a description file (HTML) as input (paragraph [0005]).

*“combining the multimedia content file and the text based description file as a composed file using the authoring tools.”*

Yamanaka discloses the multimedia content file integrated with a text based description file (HTML or XML) as a composed file (paragraphs [0007], [0015]; e.g., Figure 15).

**In regard to claim 2, incorporating the rejection of claim 1:**

*“...editing the rich media content description file by a user using a text editor.”*

It is well known in the art that a description file is inherently textual (e.g., XML or HTML), therefore it is editable by a using a text editor.

**In regard to claim 3, incorporating the rejection of claim 1:**

*“using an XML program to create the description file.”*

Yamanaka discloses using XML to create a description file (paragraph [0015]).

**In regard to claim 7, incorporating the rejection of claim 1:**

*“...storing the composed file and the description file for access by one or more content creators.”*

Yamanaka teaches storage of the content file (e.g., see Figure 2 storage unit).

**In regard to claim 8, incorporating the rejection of claim 1:**

*“...downloading the composed file for display to a user in an application.”*

Yamanaka teaches downloading the content file (e.g., see Figure 2).

**In regard to claim 11:**

*“...a processor for receiving rich media;.”*

The system taught by Yamanaka includes a processor to receive rich media, text, and graphics (e.g., Figure 2).

*“means for assembling rich media as a combined multimedia vehicle repository (MVR) file;”*

See, e.g., Figure 1.

*“means for automatically generating a rich media content description file based on an assembled MVR file;”*

Yamanaka discloses a description file (HTML) as input (column 4, lines 53 – 67).

*“means for combining the MVR file and the description file...”*

Yamanaka discloses the integration of the rich media and descriptive files (paragraphs [0007], [0015]; e.g., Figure 15).

**In regard to claim 13, incorporating the rejection of claim 11:**

*“an XML program running in the processor for translating the descriptive text in the combining...”*

Yamanaka discloses using XML for translating the descriptive text (paragraph [0015]).

**In regard to claims 18, 19, 24, and 25:**

Claims 18, 19, 24, and 25 (program code medium) are rejected for the same reasons put forth in the rejection of corresponding claims 1, 2, 7, and 8 (the corresponding methods).

**In regard to claim 20, incorporating the rejection of claim 18 above:**

Claim 20 (program code medium) is rejected for the same reasons put forth in the rejection of claim 3 (the corresponding method).

**In regard to claim 28:**

*“generating a content file from rich media;”*

Yamanaka discloses rich media file input to an authoring tool (paragraph [0005]).

*“creating a text file descriptive of at least a portion of the rich media content file;”*

Yamanaka discloses a text file with a description file (HTML or XML) as input (paragraphs [0005], [0015]).

*“combining the content file and the text file into a composed file as an application executable on a media player.”*

Yamanaka discloses the multimedia content file integrated with a text based description file (HTML or XML) as a composed file (paragraphs [0007], [0015]; e.g., Figure 15).

### ***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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7. Claims 4, 12, and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamanaka, U.S. Patent Application Publication US 2002/0083433, and further in view of Martens, U.S. Patent 4,570,221.

**In regard to claim 4, incorporating the rejection of claim 1 above:**

*“...executing a batch processing program to combine the description file and the multimedia content file.”*

Yamanaka teaches the combining of a descriptive file and a rich media content file, but does not teach executing a batch processing. However, Martens teaches the combining of files executing a batch process (column 1, lines 25 – 28). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to combine two files, for example a descriptive file and a rich media content file as taught by Yamanaka, and incorporate the teaching of Martens, because performing the combining with a batch process frees the user from the execution details and also enables the process to run off-line as taught by Martens (column 1, lines 25 – 28).

**In regard to claim 12, incorporating the rejection of claim 11 above:**

*“a batch processing program running on the processor for combining...”*

Yamanaka teaches the combining of a descriptive file and a rich media content file, but does not teach executing a batch processing. However, Martens teaches the combining of files executing a batch process (column 1, lines 25 – 28). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to combine two files, for example a descriptive file and a rich media content file as taught by Yamanaka, and incorporate the teaching of Martens because performing the combining with a batch process frees the user from

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the execution details and also enables the process to run off-line as taught by Martens (column 1, lines 25 – 28).

**In regard to claim 21**, incorporating the rejection of claim 18 above:

Claim 21 (program code medium) is rejected for the same reasons put forth in the rejection of claim 4 (the corresponding method).

8. Claim 5 and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamanaka, U.S. Patent Application Publication US 2002/0083433, and further in view of Murphy, U.S. Patent 6,564,380.

**In regard to claim 5**, incorporating the rejection of claim 1 above:

*“...transmitting the rich media content as a streaming digital file.”*

Yamanaka teaches collecting rich media content and combining with a descriptive file, but does not teach transmitting the rich media content as a streaming digital file. However, Murphy teaches the transmission of a stored digital file containing rich media content (video/audio feed; column 6, lines 25 - 39). A stored video transmission is a streaming digital file. Therefore, it would have been obvious to one skilled in the art at the time the invention was made to modify the teaching of Yamanaka, which combines a descriptive file and a rich media content, with the teaching of Murphy, which transmits the rich media content as a streaming digital file, because this modification allows the rich media content of Yamanaka to be fed as a remote capture (rather than a live feed), thereby allowing a continuous feed of a saved input in desired file formats as taught by Murphy (column 6, lines 30 – 35).



**In regard to claim 22,** incorporating the rejection of claim 18 above:

Claim 22 (program code medium) is rejected for the same reasons put forth in the rejection of claim 5 (the corresponding method).

9. Claims 6 and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamanaka, U.S. Patent Application Publication US 2002/0083433, and further in view of Mills, U.S. Patent 6,397,219.

**In regard to claim 6,** incorporating the rejection of claim 1 above:

*“...using a graphical authoring tool to edit the rich media content;”*

Yamanaka teaches collecting rich media content and combining with a descriptive file with an authoring tool, but does not explicitly teach a graphical authoring tool. However, Mills discloses a graphical authoring tool (column 15, line 60 to column 16, line 16). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to modify the authoring tool as taught by Yamanaka, which combines a descriptive file and a rich media content, with the graphical authoring feature as disclosed by Mills, because this modification provides a means for the authoring tool of Yamanaka easily access and efficiently edit Web pages, as taught by Mills (column 15, lines 60- 67).

*“creating a description file of the graphically edited rich media content.”*

Yamanaka discloses a description file (HTML and XML) as input (paragraphs [0007], [0015]; e.g., Figure 15).

**In regard to claim 23**, incorporating the rejection of claim 18 above:

Claim 23 (program code medium) is rejected for the same reasons put forth in the rejection of claim 6 (the corresponding method).

10. Claims 9 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamanaka, U.S. Patent Application Publication US 2002/0083433 in view of Murphy, U.S. Patent 6,564,380 as applied to claims 5 and 22 above, and further in view of Ohsuga et al., U.S. Patent 6,317,151 (hereinafter referred to as Ohsuga).

**In regard to claim 9**, incorporating the rejection of claim 5:

*“...generating the streaming digital file as a sequence of frames.”*

Yamanaka teaches collecting rich media content and combining with a descriptive file, modified by Murphy teaching the transmission of a streaming digital file containing rich media content (video/audio feed). Although Murphy references the digital stream as a series of packets, neither reference teaches that the generation of the streaming digital file specifically as a sequence of frames. However, Oshuga teaches streaming video to a digital file as a sequence of frames (column 1, lines 36 – 43). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to combine the teachings of Yamanaka and Murphy to obtain a means to merge a descriptive file with a rich media content, and incorporating the generation of the rich media content as a streaming digital file in a sequence of frames as taught by Oshuga, because the digital frame allows the user to capture natural images and then edit them a reproducible digital format (see Oshuga, column 1, lines 36 – 42) that could be used as rich media content as taught by Yamanaka.

**In regard to claim 26, incorporating the rejection of claim 22:**

Claim 26 (program code medium) is rejected for the same reasons put forth in the rejection of claim 9 (the corresponding method).

11. Claims 10 and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamanaka, U.S. Patent Application Publication US 2002/0083433 in view of Murphy, U.S. Patent 6,564,380 as applied to claims 5 and 22 above, and further in view of Beckett et al., U.S. Patent 6,317,151 (hereinafter referred to as Beckett).

**In regard to claim 10, incorporating the rejection of claim 5:**

*“generating the streaming digital file as a binary file...”*

Yamanaka teaches collecting rich media content and combining with a descriptive file, modified by Murphy teaching the transmission of a streaming digital file containing rich media content (video/audio feed). Although Murphy references the digital stream as a series of packets, neither reference teaches that the generation of the streaming digital file as a binary file. However, Beckett teaches streaming digital files as a binary file (column 12, lines 35 – 38). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to combine the teachings of Yamanaka and Murphy to obtain a means to merge a descriptive file with a rich media content, incorporating the teaching of the generation of the rich media content as a binary file as taught by Beckett, because a binary file allows implementation in loadable execution format thus minimizing the programming skills needed by the user, as taught by Beckett (column 12, lines 38 – 53).

**In regard to claim 27, incorporating the rejection of claim 22:**

Claim 27 (program code medium) is rejected for the same reasons put forth in the rejection of claim 10 (the corresponding method).

12. Claims 14 – 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamanaka, U.S. Patent Application Publication US 2002/0083433 in view of Beckett et al., U.S. Patent 6,317,151 (hereinafter referred to as Beckett).

**In regard to claim 14:**

*“...means for receiving and storing rich media assets in a binary format...”*

Yamanaka teaches collecting rich media content and combining with a descriptive file (column 4, lines 53 – 67), but does not teach that the generation of the streaming digital file as a binary file. However, Beckett teaches a means to store streaming digital files as a binary file in order to load applications as an executable file (column 12, lines 35 – 38). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to combine the teachings of Yamanaka regarding the collection of rich media content, incorporating the teaching of Beckett regarding the receiving and storage of rich media content as a binary file, because a binary file allows implementation in loadable execution format thus minimizing the programming skills needed by the user, as taught by Beckett (column 12, lines 38 – 53).

*“means for preparing a textual description...”*

Yamanaka integrates HTML and XML in the authoring tool (paragraphs [0007], [0015]; e.g., Figure 15).

*“means for combining the MVR file and MVR textual description...”*

Yamanaka discloses the authoring tool integrated with a Web page allowing the combining of the rich media and descriptive files (paragraphs [0007], [0015]; e.g., Figure 15).

**In regard to claim 15**, incorporating the rejection of claim 14:

*"...wherein the text description is XML based."*

Yamanaka integrates HTML and XML in the authoring tool (paragraphs [0007], [0015]; e.g., Figure 15).

**In regard to claim 16**, incorporating the rejection of claim 14:

*"means for modifying the text description..."*

Official notice is taken that a description file is inherently textual (e.g., XML or HTML), therefore editable by using a text editor.

**In regard to claim 17**, incorporating the rejection of claim 14:

*"means for modifying the textual description using a standard text-editing tool."*

Official notice is taken that a description file is inherently textual (e.g., XML or HTML), therefore editable by using a text editor.

### ***Response to Arguments***

13. Applicant's arguments with respect to claims 1 – 28 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

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14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lawrence Shrader whose telephone number is (703) 305-8046.

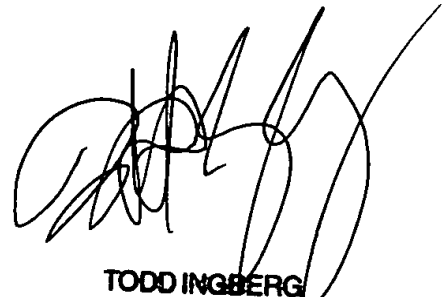
The examiner can normally be reached on M-F 08:00-16:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (703) 305-9662. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Lawrence Shrader  
Examiner  
Art Unit 2124

April 7, 2004



TODD INGBERG  
PRIMARY EXAMINER